

CLAIMS

1. Charged fine particulate water having a nanometer particle size and containing radicals.
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2. The charged fine particulate water as set forth in claim 1, having a particle size of 3 to 100 nm.
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3. The charged fine particulate water as set forth in claim 1, containing at least one of hydroxyl radicals, superoxides, nitrogen monoxide radicals and oxygen radicals as said radicals.
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4. The charged fine particulate water as set forth in claim 1, containing acidic chemical species.
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5. The charged fine particulate water as set forth in claim 4, containing a nitrogen oxide or an organic acid.
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6. The charged fine particulate water as set forth in claim 1, containing at least one of nitric acid, nitric acid hydrate, nitrous acid and nitrous acid hydrate.
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7. The charged fine particulate water as set forth in claim 1, wherein the charged fine particulate water is negatively charged.

8. A method of creating an environment where a mist of charged fine particulate water is dispersed, said method comprising the steps of:

5 providing a pair of electrodes, water supply unit configured to supply water between said electrodes, and a voltage applying unit configured to apply a voltage between said electrodes;

generating said mist of charged fine particulate water having a particle size of 3 to 100 nm and containing radicals by applying a high voltage between said
10 electrodes, while supplying water between said electrodes by said water supply unit; and

supplying said mist into a desired space to create the environment where said mist of charged fine particulate water is dispersed in the desired space.